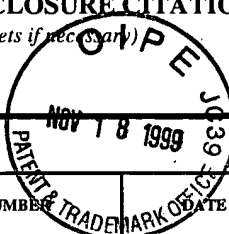


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

P-5531

Application Number

09/389,904

Applicant(s)

Philip D. WRATCHFORD

Filing Date

September 23, 1999

Group Art Unit

2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS		5,227,813	07/13/93	Pies et al.	347	72	
AS		4,901,093	02/13/90	Ruggiero et al.	347	48	
AS		5,086,308	02/04/92	Takahashi et al.	347	68	
AS		5,015,986	05/14/91	Uchida et al.	338	22R	
AS		5,784,089	07/21/98	Crawford	347	88	
AS		5,623,292	04/22/97	Shrivastava et al.	347	18	
AS		5,635,964	06/03/97	Burr et al.	347	17	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
AS	✓	JP 04345852 A	12/01/92	JAPAN	—	—	✓	
AS	✓	JP 10138468 A	11/07/96	JAPAN	—	—	✓	
AS	✓	JP 04336256 A	11/24/92	JAPAN	—	—	✓	
AS		JP 03272854 A	12/04/91	JAPAN	—	—	✓	
AS		JP 01299045 A	12/01/89	JAPAN	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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DATE CONSIDERED

7/8/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

P-5531

Application Number

09/389,904

Applicant(s)

Philip D. WRATCHFORD

Filing Date

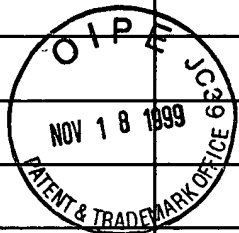
September 03, 1999

Group Art Unit

2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>JP</i>	✓	JP 05082304 A	04/02/93	JAPAN	—	—		✓
<i>JP</i>	✓	JP 01213978 A	08/28/89	JAPAN	—	—		✓
<i>JP</i>	✓	JP 58053176 A	03/29/83	JAPAN	—	—		✓
<i>JP</i>	✓	JP 07220860 A	08/18/95	JAPAN	—	—	✓	
					—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

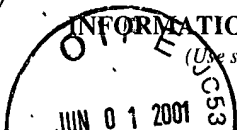
EXAMINER

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DATE CONSIDERED

7/8/01

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<div style="text-align: center;"> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> <div style="text-align: center; margin-top: 20px;">  </div>	Docket Number (Optional) P-5531	Application Number 09/389,904
	Applicant(s) WRATCHFORD, Philip D.	
	Filing Date 9/3/99	Group Art Unit 2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT Translation	
							YES	NO
<i>AS</i>		JP 59 109370 A	25 Jun 84	JAPAN	—	—	✓	
<i>AS</i>	✓	JP 02 194960 A	01 Aug 80	JAPAN	—	—	✓	
<i>AS</i>	✓	JP 01 110963 A	27 Apr 89	JAPAN	—	—	✓	
<i>AS</i>	✓	JP 04 152147 A	26 May 92	JAPAN	—	—	✓	
<i>AS</i>	✓	JP 01 229639 A	13 SEP 89	JAPAN	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AS</i>		PCT International Search Reported Dated 06/06/2001

EXAMINER <div style="text-align: center; font-size: 1.5em;"><i>Arled</i></div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;">7/8/01</div>
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